NAME OF WORK:-Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

EMB

(Pre-Measurement Sheet and Measurement Sheet)

First and Final Bill

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		10-05-2021									
		Sai Garden									
		Main Road									
		LHS (North Side)									
		From Sara Fashion To 8th Cross Somanna Garden									
0	13.3		Cum	1	13.30	1.10	1.10	1.10	1.05	15.36	
13.3	14	No Work									
14	20.5	New Culvert									
20.5	30		Cum	1	9.50	1.10	1.10	1.10	1.05	10.97	
30	44.1		Cum	1	14.10	1.10	1.10	1.10	1.05	16.29	
44.1	52.5	Culvert									
52.5	64.6		Cum	1	12.10	1.10	1.10	1.10	1.05	13.98	
64.6	76.8	No Work									
76.8	83.4	Culvert									
83.4	98.4	No Work									
98.4	108.6	No Work									
108.6	115.9	Culvert									
115.9	128.1	No Work									
128.1	133		Cum	1	4.90	1.10	1.10	1.10	1.05	5.66	
133	148		Cum	1	15.00	1.10	1.10	1.10	1.05	17.33	
148	162.2		Cum	1	14.20	1.10	1.10	1.10	1.05	16.40	
		RHS (South Side)									
		From Sara Fashion To 8th Cross Somanna Garden									
0	55.8	No Work									
55.8	102.6	No Work									
102.6	117.6		Cum	1	15.00	1.10	1.10	1.10	1.05	17.33	
117.6	132.6		Cum	1	15.00	1.10	1.10	1.10	1.05	17.33	
132.6	146.7		Cum	1	14.10	1.10	1.10	1.10	1.05	16.29	
146.7	163.7	No Work	Cum	1	0.00	1.10	1.10	0.00	0.00	0.00	
		Prakruthi Layout									
		Main Road									
		Abbigere Main Road to Dead End									
		LHS (East Side)									
0	15		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
15	30		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
30	45		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
45	60		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
60	66.6		Cum	1	6.60	1.10	1.10	1.10	1.00	7.26	
66.6	74.4	Culvert	0	0	0.00	1.10	1.10	1.10	1.00	0.00	

Assistant Executive Engineer
R.R. Nagar, Sub-division
KRIDL, BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub Division
Bruhath Bengaluru Mahanagara Palike

10/05/21

Contactor PMC Assistant Engineer Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
74.4	89.4		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	220.19
89.4	102.4		Cum	1	13.00	1.10	1.10	1.10	1.00	14.30	
102.4	110.5	Culvert	0	0	0.00	1.10	1.10	1.10	1.00	0.00	
110.5	125.5		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
125.5	140.5		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
140.5	155.5		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
155.5	170.5		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
170.5	185.5		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
185.5	200.5		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
200.5	215.5		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
215.5	230.5		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
230.5	244.6		Cum	1	14.10	1.10	1.10	1.10	1.00	15.51	
		RHS (West Side)									
0	15.3		Cum	1	15.30	1.10	1.10	1.10	1.00	16.83	
15.3	21.5	Culvert	Cum	1	0.00	1.10	1.10	1.10	1.00	0.00	
21.5	36.5		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
36.5	51.5		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
51.5	53.1		Cum	1	1.60	1.10	1.10	1.10	1.00	1.76	
53.1	62.5	No Work	Cum	1	0.00	1.10	1.10	1.10	1.00	0.00	
62.5	89.5		Cum	1	27.00	1.10	1.10	1.10	1.00	29.70	
89.5	98.9		Cum	1	9.40	1.10	1.10	1.10	1.00	10.34	
98.9	113.9		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
113.9	128.9		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
128.9	143.9		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
143.9	144.1		Cum	1	0.20	1.10	1.10	1.10	1.00	0.22	
		1st Cross Road									
		LHS (South Side)									
		From prakruthi layout Main road to Dead End									
0	35.3		Cum	1	35.30	1.10	1.10	1.10	1.00	38.83	
35.3	44.4		Cum	1	9.10	1.10	1.10	1.10	1.00	10.01	
44.4	51.6		Cum	1	7.20	1.10	1.10	1.10	1.00	7.92	
		RHS (North Side)									
		From Dead End To prakruthi layout Main road									
0	15		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
15	30		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
30	45		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
45	54.2		Cum	1	9.20	1.10	1.10	1.10	1.00	10.12	
		Varada raj nagar									
		5th Cross Road									
		LHS (North Side)									
		From 2nd main									
0	15		Cum	1	15.00	1.00	1.00	1.00	1.00	15.00	

631.22

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-
Bruhath Bengaluru Ma

Contactor PMC Assistant Engineer Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
15	21		Cum	1	6.00	1.00	1.00	1.00	1.00	6.00	627.22
		Main road									
		LHS (East Side)									
		From 4th Cross To 5th Cross									
0	15		Cum	1	15.00	1.10	1.10	1.10	1.00	16.50	
15	19.6		Cum	1	4.60	1.10	1.10	1.10	1.00	5.06	
		Culvert									
		Sai Garden	Cum	1	6.60	1.70	1.70	1.70	1.05	11.78	
		Prakruthi Layout									
			Cum	1	7.70	1.70	1.70	1.70	1.05	13.74	
			Cum	1	8.60	1.70	1.70	1.70	1.05	15.35	
			Cum	1	7.70	1.70	1.70	1.70	1.05	13.74	
									Total	**753.40**	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RAGHAVENDRA PRASAD CONSULTANTS BANGALORE

Contactor

Assistant Engineer

30/10/05/21

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 02		Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications									
Measurements taken on		24-05-2021									
		Sai Garden									
		Main Road									
		LHS (North Side)									
		From Sara Fashion To 8th Cross Somanna Garden									
0	13.3		Cum	1	13.30	1.10	1.10	1.10	0.15	2.19	
13.3	14	No Work									
14	20.5	New Culvert									
20.5	30		Cum	1	9.50	1.10	1.10	1.10	0.15	1.57	
30	44.1		Cum	1	14.10	1.10	1.10	1.10	0.15	2.33	
44.1	52.5	Culvert									
52.5	64.6		Cum	1	12.10	1.10	1.10	1.10	0.15	2.00	
64.6	76.8	No Work									
76.8	83.4	Culvert									
83.4	98.4	No Work	0	0	0.00	0.00	0.00	0.00	0.15	0.00	
98.4	108.6	No Work	0	0	0.00	0.00	0.00	0.00	0.15	0.00	
108.6	115.9	Culvert									
115.9	128.1	No Work									
128.1	133		Cum	1	4.90	1.10	1.10	1.10	0.15	0.81	
133	148		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
148	162.2		Cum	1	14.20	1.10	1.10	1.10	0.15	2.34	
		RHS (South Side)									
		From Sara Fashion To 8th Cross Somanna Garden									
0	55.8	No Work									
55.8	102.6	No Work									
102.6	117.6		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
117.6	132.6		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
132.6	146.7		Cum	1	14.10	1.10	1.10	1.10	0.15	2.33	
146.7	163.7	No Work	Cum	1	0.00	1.10	1.10	0.00	0.15	0.00	
		Prakruthi Layout									
		Main Road									
		Abbigere Main Road to Dead End									
		LHS (East Side)									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45	60		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	

30.09

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

Assistant Engineer 24/05/21

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-D

Assistant exicutive Engineer

Contactor PMC

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
60	66.6		Cum	1	6.60	1.10	1.10	1.10	0.15	1.09	30.89
66.6	74.4	Culvert	0	0	0.00	1.10	1.10	1.10	0.15	0.00	
74.4	89.4		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
89.4	102.4		Cum	1	13.00	1.10	1.10	1.10	0.15	2.15	
102.4	110.5	Culvert	0	0	0.00	1.10	1.10	1.10	0.15	0.00	
110.5	125.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
125.5	140.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
140.5	155.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
155.5	170.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
170.5	185.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
185.5	200.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
200.5	215.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
215.5	230.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
230.5	244.6		Cum	1	14.10	1.10	1.10	1.10	0.15	2.33	
		RHS (West Side)									
		From									
0	15.3		Cum	1	15.30	1.10	1.10	1.10	0.15	2.52	
15.3	21.5	Culvert	Cum	1	0.00	1.10	1.10	1.10	0.15	0.00	
21.5	36.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
36.5	51.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
51.5	53.1		Cum	1	1.60	1.10	1.10	1.10	0.15	0.26	
53.1	62.5	No Work	Cum	1	0.00	1.10	1.10	1.10	0.15	0.00	
62.5	89.5		Cum	1	27.00	1.10	1.10	1.10	0.15	4.46	
89.5	98.9		Cum	1	9.40	1.10	1.10	1.10	0.15	1.55	
98.9	113.9		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
113.9	128.9		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
128.9	143.9		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
143.9	144.1		Cum	1	0.20	1.10	1.10	1.10	0.15	0.03	
		1st Cross Road									
		LHS (South Side)									
		From prakruthi layout Main road to Dead End									
0	35.3		Cum	1	35.30	1.10	1.10	1.10	0.15	5.82	
35.3	44.4		Cum	1	9.10	1.10	1.10	1.10	0.15	1.50	
44.4	51.6		Cum	1	7.20	1.10	1.10	1.10	0.15	1.19	
		RHS (North Side)									
		From Dead End To prakruthi layout Main road									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45	54.2		Cum	1	9.20	1.10	1.10	1.10	0.15	1.52	
										97.38	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

PMC

Assistant Engineer

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

AME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in uvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Varada raj nagar									
		5th Cross Road									
		LHS (North Side)									
		From 2nd main									
0	15		Cum	1	15.00	1.00	1.00	1.00	0.15	2.25	
15	21		Cum	1	6.00	1.00	1.00	1.00	0.15	0.90	
		Main road									
		LHS (East Side)									
		From 4th Cross To 5th Cross									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	19.6		Cum	1	4.60	1.10	1.10	1.10	0.15	0.76	
		Culvert									
		Sai Garden	Cum	1	6.60	1.70	1.70	1.70	0.15	1.68	
		Prakruthi Layout									
			Cum	1	7.70	1.70	1.70	1.70	0.15	1.96	
			Cum	1	8.60	1.70	1.70	1.70	0.15	2.19	
			Cum	1	7.70	1.70	1.70	1.70	0.15	1.96	
									Total	111.57	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contactor

PMC

Assistant Engineer

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 04		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.									
Measurements taken on		28-05-2021									
		For Drain	Tonne		From steel calculation sheet					14.17	
		For Culvert			From steel calculation sheet					1.70	
									Total	15.87	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

SAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer 28/05/21 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 09		Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.									
Measurements taken on		09-06-2021									
		Vinayak Nagar									
		Bhairaveshwara Swammy Floor Mill									
		From Bhairaveshwara Swammy Floor Mill to Dead End									
0	11.6		Cum	1	11.60	3.50	3.80	3.65	0.20	8.47	
11.6	14.3		Cum	1	2.70	3.10	3.50	3.30	0.20	1.78	
14.3	30		Cum	1	15.70	3.90	3.80	3.85	0.20	12.09	
30	45		Cum	1	15.00	3.80	4.05	3.93	0.20	11.78	
45	60		Cum	1	15.00	4.05	4.35	4.20	0.20	12.60	
60	64.5		Cum	1	4.50	4.35	4.10	4.23	0.20	3.80	
64.5	72		Cum	1	7.50	3.60	3.50	3.55	0.20	5.33	
72	90		Cum	1	18.00	4.20	3.40	3.80	0.20	13.68	
90	105		Cum	1	15.00	3.40	3.50	3.45	0.20	10.35	
105	120		Cum	1	15.00	3.50	3.70	3.60	0.20	10.80	
120	129.5		Cum	1	9.50	3.70	3.10	3.40	0.20	6.46	
129.5	137.2		Cum	1	7.70	2.50	2.50	2.50	0.20	3.85	
137.2	142.1		Cum	1	4.90	2.10	1.90	2.00	0.20	1.96	
		Varadharaj Nagar									
		5th Cross Road									
		From Vidyuth Nilaya Opp Road To Cross Road									
0	15		Cum	1	15.00	4.80	4.20	4.50	0.20	13.50	
15	22		Cum	1	7.00	4.20	3.70	3.95	0.20	5.53	
22	30		Cum	1	8.00	3.20	3.40	3.30	0.20	5.28	
30	45		Cum	1	15.00	3.40	3.40	3.40	0.20	10.20	
45	52.9		Cum	1	7.90	3.40	3.10	3.25	0.20	5.14	
52.9	60		Cum	1	7.10	3.10	2.50	2.80	0.20	3.98	
60	75		Cum	1	15.00	3.20	3.70	3.45	0.20	10.35	
75	86		Cum	1	11.00	3.10	3.50	3.30	0.20	7.26	
86	89.6		Cum	1	3.60	4.10	3.50	3.80	0.20	2.74	
89.6	96.3		Cum	1	6.70	3.50	4.20	3.85	0.20	5.16	
96.3	98.6		Cum	1	2.30	4.40	4.40	4.40	0.20	2.02	
98.6	107.4		Cum	1	8.80	3.50					
		3rd Cross Road									
		From 2nd Main Road to Cross Road									
0	15		Cum	1	15.00	3.10	3.30	3.20	0.20	9.60	
15	30		Cum	1	15.00	3.30	3.40	3.35	0.20	10.05	
30	43		Cum	1	13.00	3.40	3.70	3.55	0.20	9.23	

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contactor

PMC

Assistant Engineer 09/06/21

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
43	60		Cum	1	17.00	3.70	3.20	3.45	0.20	11.73	
60	75		Cum	1	15.00	3.20	3.10	3.15	0.20	9.45	
75	82.5		Cum	1	7.50	3.10	3.10	3.10	0.20	4.65	
		Deduction									
		UGD Chembers	Cum	-10	0.44				0.20	-0.88	
					Area of circle=(3.14X.75²)/4=0.44						
			Cum	-1	2.00	1.50	1.50	1.50	0.20	-0.60	
			Cum	-1	1.70	0.80	0.80	0.80	0.20	-0.27	
									Total	**227.05**	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara P

Assistant Executive Engineer
R.R. Nagar, Sub-division
KRIDL, BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

09/06/21

Contactor PMC Assistant Engineer Assistant excutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 10		Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges. HOM of machineries complete as per specifications. and as per the directions of the Engineer in charge									
Measurements taken on		16-06-2021									
		Varadharaj Nagar									
		7th Cross Road									
		From 2nd main To Temple									
0	15		Sqm	1	15.00	3.20	2.80	3.00		45.00	
15	21.8		Sqm	1	6.80	2.80	3.30	3.05		20.74	
21.8	26.7		Sqm	1	4.90	3.30	3.60	3.45		16.91	
26.7	45		Sqm	1	18.30	3.50	3.20	3.35		61.31	
45	51		Sqm	1	6.00	3.20	3.40	3.30		19.80	
51	62.7		Sqm	1	11.70	3.40	2.90	3.15		36.86	
62.7	64.7		Sqm	1	2.00	2.50	2.80	2.65		5.30	
64.7	66.3		Sqm	1	1.60	2.40	2.90	2.65		4.24	
66.3	68		Sqm	1	1.70	2.90	3.80	3.35		5.70	
68	70.2		Sqm	1	2.20	2.80	3.20	3.00		6.60	
70.2	72.6		Sqm	1	2.40	3.20	4.00	3.60		8.64	
72.6	73.8		Sqm	1	1.20	2.70	4.20	3.45		4.14	
73.8	78.5		Sqm	1	4.70	7.40	4.90	6.15		28.91	
78.5	86.3		Sqm	1	7.80	4.30	3.40	3.85		30.03	
86.3	91.2		Sqm	1	4.90	3.40	3.00	3.20		15.68	
91.2	98.2		Sqm	1	7.00	7.50	6.30	6.90		48.30	
98.2	101.2		Sqm	1	3.00	5.80	6.30	6.05		18.15	
101.2	110.9		Sqm	1	9.70	6.30	5.80	6.05		58.69	
		Deduction									
		UGD Chembers	Cum	-3	0.44					-1.32	
					Area of circle=(3.14X.75²)/4=0.44						
									TOTAL	433.65	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer 16/06/21 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 11		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections and transportation with a lead of 1.00 km and complete as per specifications									
Measurements taken on		19-06-2021									
		Vinayak Nagar									
		Bhairaveshwara Swammy Floor Mill									
		From Bhairaveshwara Swammy Floor Mill to Dead End									
0	11.6		Cum	1	11.60	3.50	3.80	3.65	0.10	4.23	
11.6	14.3		Cum	1	2.70	3.10	3.50	3.30	0.10	0.89	
14.3	30		Cum	1	15.70	3.90	3.80	3.85	0.10	6.04	
30	45		Cum	1	15.00	3.80	4.05	3.93	0.10	5.89	
45	60		Cum	1	15.00	4.05	4.35	4.20	0.10	6.30	
60	64.5		Cum	1	4.50	4.35	4.10	4.23	0.10	1.90	
64.5	72		Cum	1	7.50	3.60	3.50	3.55	0.10	2.66	
72	90		Cum	1	18.00	4.20	3.40	3.80	0.10	6.84	
90	105		Cum	1	15.00	3.40	3.50	3.45	0.10	5.18	
105	120		Cum	1	15.00	3.50	3.70	3.60	0.10	5.40	
120	129.5		Cum	1	9.50	3.70	3.10	3.40	0.10	3.23	
129.5	137.2		Cum	1	7.70	2.50	2.50	2.50	0.10	1.93	
137.2	142.1		Cum	1	4.90	2.10	1.90	2.00	0.10	0.98	
		Varadharaj Nagar									
		5th Cross Road									
		From Vidyuth Nilaya Opp Road To Cross Road									
0	15		Cum	1	15.00	4.80	4.20	4.50	0.10	6.75	
15	22		Cum	1	7.00	4.20	3.70	3.95	0.10	2.77	
22	30		Cum	1	8.00	3.20	3.40	3.30	0.10	2.64	
30	45		Cum	1	15.00	3.40	3.40	3.40	0.10	5.10	
45	52.9		Cum	1	7.90	3.40	3.10	3.25	0.10	2.57	
52.9	60		Cum	1	7.10	3.10	2.50	2.80	0.10	1.99	
60	75		Cum	1	15.00	3.20	3.70	3.45	0.10	5.18	
75	86		Cum	1	11.00	3.10	3.50	3.30	0.10	3.63	
86	89.6		Cum	1	3.60	4.10	3.50	3.80	0.10	1.37	
89.6	96.3		Cum	1	6.70	3.50	4.20	3.85	0.10	2.58	
96.3	98.6		Cum	1	2.30	4.40	4.40	4.40	0.10	1.01	
98.6	107.4		Cum	1	8.80	3.50					
		7th Cross Road									
		From 2nd main To Temple									
0	15		Cum	1	15.00	3.20	2.80	3.00	0.10	4.50	
15	21.8		Cum	1	6.80	2.80	3.30	3.05	0.10	2.07	
21.8	26.7		Cum	1	4.90	3.30	3.60	3.45	0.10	1.69	

Assistant Executive Engineer, B.R. Nagar, Sub-division, BBMP, Bangalore

Contractor

PMC

Assistant Engineer 19/06/21

ASSISTANT EXECUTIVE ENGINEER

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
26.7	45		Cum	1	18.30	3.50	3.20	3.35	0.10	6.13	25.3.21
45	51		Cum	1	6.00	3.20	3.40	3.30	0.10	1.98	
51	62.7		Cum	1	11.70	3.40	2.90	3.15	0.10	3.69	
62.7	64.7		Cum	1	2.00	2.50	2.80	2.65	0.10	0.53	
64.7	66.3		Cum	1	1.60	2.40	2.90	2.65	0.10	0.42	
66.3	68		Cum	1	1.70	2.90	3.80	3.35	0.10	0.57	
68	70.2		Cum	1	2.20	2.80	3.20	3.00	0.10	0.66	
70.2	72.6		Cum	1	2.40	3.20	4.00	3.60	0.10	0.86	
72.6	73.8		Cum	1	1.20	2.70	4.20	3.45	0.10	0.41	
73.8	78.5		Cum	1	4.70	7.40	4.90	6.15	0.10	2.89	
78.5	86.3		Cum	1	7.80	4.30	3.40	3.85	0.10	3.00	
86.3	91.2		Cum	1	4.90	3.40	3.00	3.20	0.10	1.57	
91.2	98.2		Cum	1	7.00	7.50	6.30	6.90	0.10	4.83	
98.2	101.2		Cum	1	3.00	5.80	6.30	6.05	0.10	1.82	
101.2	110.9		Cum	1	9.70	6.30	5.80	6.05	0.10	5.87	
		3rd Cross Road									
		From 2nd Main Road to Cross Road									
0	15		Cum	1	15.00	3.10	3.30	3.20	0.10	4.80	
15	30		Cum	1	15.00	3.30	3.40	3.35	0.10	5.03	
30	43		Cum	1	13.00	3.40	3.70	3.55	0.10	4.62	
43	60		Cum	1	17.00	3.70	3.20	3.45	0.10	5.87	
60	75		Cum	1	15.00	3.20	3.10	3.15	0.10	4.73	
75	82.5		Cum	1	7.50	3.10	3.10	3.10	0.10	2.33	
		Deduction									
		UGD Chembers	Cum	-1	0.44				0.10	-0.49	
					Area of circle=(3.14X.75²)/4=0.44						
			Cum	-1	2.00	1.50	1.50	1.50	0.10	-0.30	
			Cum	-1	1.70	0.80	0.80	0.80	0.10	-0.14	
									Total	156.98	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara P

20.8.21
Assistant Executive Engineer
R.R. Nagar, Sub-division
KRIDL, BBMP, Bangalore

RUDRA PRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer 18/06/21 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 12		Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs. with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications									
Measurements taken on		23-06-2021									
		Vinayak Nagar									
		Bhairaveshwara Swammy Floor Mill									
		From Bhairaveshwara Swammy Floor Mill to Dead End									
0	11.6		Cum	1	11.60	3.50	3.80	3.65	0.15	6.35	
11.6	14.3		Cum	1	2.70	3.10	3.50	3.30	0.15	1.34	
14.3	30		Cum	1	15.70	3.90	3.80	3.85	0.15	9.07	
30	45		Cum	1	15.00	3.80	4.05	3.93	0.15	8.83	
45	60		Cum	1	15.00	4.05	4.35	4.20	0.15	9.45	
60	64.5		Cum	4	4.50	4.35	4.10	4.23	0.15	2.85	
64.5	72		Cum	1	7.50	3.60	3.50	3.55	0.15	3.99	
72	90		Cum	1	18.00	4.20	3.40	3.80	0.15	10.26	
90	105		Cum	1	15.00	3.40	3.50	3.45	0.15	7.76	
105	120		Cum	1	15.00	3.50	3.70	3.60	0.15	8.10	
120	129.5		Cum	1	9.50	3.70	3.10	3.40	0.15	4.85	
129.5	137.2		Cum	1	7.70	2.50	2.50	2.50	0.15	2.89	
137.2	142.1		Cum	1	4.90	2.10	1.90	2.00	0.15	1.47	
		Varadharaj Nagar									
		5th Cross Road									
		From Vidyuth Nilaya Opp Road To Cross Road									
0	15		Cum	1	15.00	4.80	4.20	4.50	0.15	10.13	
15	22		Cum	1	7.00	4.20	3.70	3.95	0.15	4.15	
22	30		Cum	1	8.00	3.20	3.40	3.30	0.15	3.96	
30	45		Cum	1	15.00	3.40	3.40	3.40	0.15	7.65	
45	52.9		Cum	1	7.90	3.40	3.10	3.25	0.15	3.85	
52.9	60		Cum	1	7.10	3.10	2.50	2.80	0.15	2.98	
60	75		Cum	1	15.00	3.20	3.70	3.45	0.15	7.76	
75	86		Cum	1	11.00	3.10	3.50	3.30	0.15	5.45	
86	89.6		Cum	1	3.60	4.10	3.50	3.80	0.15	2.05	
89.6	96.3		Cum	1	6.70	3.50	4.20	3.85	0.15	3.87	
96.3	98.6		Cum	1	2.30	4.40	4.40	4.40	0.15	1.52	
98.6	107.4		Cum	1	8.80	3.50					
		7th Cross Road									
		From 2nd main To Temple									
0	15		Cum	1	15.00	3.20	2.80	3.00	0.15	6.75	
15	21.8		Cum	1	6.80	2.80	3.30	3.05	0.15	3.11	
21.8	26.7		Cum	1	4.90	3.30	3.60	3.45	0.15	2.54	

142.07

Assistant Executive Engineer
R.R. Nagar, Sub-division
KRIDL, BBMP, Bangalore
Contactor

RUDRA ASSOCIATES CONSULTANTS BANGALORE
PMC

Assistant Engineer 23/06/21

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub Division
Bangalore-560 097

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
26.7	45		Cum	1	18.30	3.50	3.20	3.35	0.15	9.20	142.97
45	51		Cum	1	6.00	3.20	3.40	3.30	0.15	2.97	
51	62.7		Cum	1	11.70	3.40	2.90	3.15	0.15	5.53	
62.7	64.7		Cum	1	2.00	2.50	2.80	2.65	0.15	0.80	
64.7	66.3		Cum	1	1.60	2.40	2.90	2.65	0.15	0.64	
66.3	68		Cum	1	1.70	2.90	3.80	3.35	0.15	0.85	
68	70.2		Cum	1	2.20	2.80	3.20	3.00	0.15	0.99	
70.2	72.6		Cum	1	2.40	3.20	4.00	3.60	0.15	1.30	
72.6	73.8		Cum	1	1.20	2.70	4.20	3.45	0.15	0.62	
73.8	78.5		Cum	1	4.70	7.40	4.90	6.15	0.15	4.34	
78.5	86.3		Cum	1	7.80	4.30	3.40	3.85	0.15	4.50	
86.3	91.2		Cum	1	4.90	3.40	3.00	3.20	0.15	2.35	
91.2	98.2		Cum	1	7.00	7.50	6.30	6.90	0.15	7.25	
98.2	101.2		Cum	1	3.00	5.80	6.30	6.05	0.15	2.72	
101.2	110.9		Cum	1	9.70	6.30	5.80	6.05	0.15	8.80	
		3rd Cross Road									
		From 2nd Main Road to Cross Road									
0	15		Cum	1	15.00	3.10	3.30	3.20	0.15	7.20	
15	30		Cum	1	15.00	3.30	3.40	3.35	0.15	7.54	
30	43		Cum	1	13.00	3.40	3.70	3.55	0.15	6.92	
43	60		Cum	1	17.00	3.70	3.20	3.45	0.15	8.80	
60	75		Cum	1	15.00	3.20	3.10	3.15	0.15	7.09	
75	82.5		Cum	1	7.50	3.10	3.10	3.10	0.15	3.49	
		Deduction									
		UGD Chembers	Cum	-11	0.44				0.15	-0.73	
					Area of circle=(3.14X.75²)/4=0.44						
			Cum	-1	2.00	1.50	1.50	1.50	0.15	-0.45	
			Cum	-1	1.70	0.80	0.80	0.80	0.15	-0.20	
									Total	**235.46**	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bangaluru Mahanagara Palike

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer 25/06/21 Assistant exicutive Engineer

NAME OF WORK:-Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

EMB

First and Final Bill

Measurement Sheet

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No. 01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no. 01 to 03								753.40			
										Total Executed Qty	**753.40**		
										Tender Qty	**753.40**		
										Now to be paid	**753.40**	**207.60**	**156406.00**
Item No. 02		Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no. 04 to 06								111.57			
										Total Executed Qty	**111.57**		
										Tender Qty	**111.57**		
										Now to be paid	**111.57**	**5505.64**	**614265.00**
Item No. 03		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc ,Complete Excluding cost of Steel as per morth MORTH specification											
Measurements taken on		30-06-2021											
		Bottom Raft											
		Sai Garden											
		Main Road											
		LHS (North Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
0	13.3		Cum	1	13.30	0.90	0.90	0.90	0.15	1.80			
13.3	14	No Work											
14	20.5	New Culvert											
20.5	30		Cum	1	9.50	0.90	0.90	0.90	0.15	1.28			
30	44.1		Cum	1	14.10	0.90	0.90	0.90	0.15	1.90			
44.1	52.5	Culvert											
52.5	64.6		Cum	1	12.10	0.90	0.90	0.90	0.15	1.63			
64.6	76.8	No Work											
76.8	83.4	Culvert											
83.4	98.4	No Work											
98.4	108.6	No Work											
108.6	115.9	Culvert											
115.9	128.1	No Work											
128.1	133		Cum	1	4.90	0.90	0.90	0.90	0.15	0.66			
133	148		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
148	162.2		Cum	1	14.20	0.90	0.90	0.90	0.15	1.92			
		RHS (South Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
0	55.8	No Work											
55.8	102.6	No Work											
102.6	117.6		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
117.6	132.6		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
132.6	146.7		Cum	1	14.10	0.90	0.90	0.90	0.15	1.90			
146.7	163.7	No Work	Cum	1	0.00	0.90	0.90	0.90	0.00	0.00			

17.1.22

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer
R.R. Nagar, Sub-division
BBMP, Bangalore

PURAPRASAD CONSULTANTS BANGALORE

Contractor KRIDL

PMC

Assistant Engineer 30/06/21

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		Prakruthi Layout											
		Main Road											
		Abbigere Main Road to Dead End											
		LHS (East Side)											
0	15		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
15	30		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
30	45		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
45	60		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
60	66.6		Cum	1	6.60	0.90	0.90	0.90	0.15	0.89			
66.6	74.4	Culvert		0	0.00	0.90	0.90	0.90	0.15	0.00			
74.4	89.4		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
89.4	102.4		Cum	1	13.00	0.90	0.90	0.90	0.15	1.76			
102.4	110.5	Culvert		0	0.00	0.90	0.90	0.90	0.15	0.00			
110.5	125.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
125.5	140.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
140.5	155.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
155.5	170.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
170.5	185.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
185.5	200.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
200.5	215.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
215.5	230.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
230.5	244.6		Cum	1	14.10	0.90	0.90	0.90	0.15	1.90			
		RHS (West Side)											
		From											
0	15.3		Cum	1	15.30	0.90	0.90	0.90	0.15	2.07			
15.3	21.5	Culvert	Cum	1	0.00	0.90	0.90	0.90	0.15	0.00			
21.5	36.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
36.5	51.5		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
51.5	53.1		Cum	1	1.60	0.90	0.90	0.90	0.15	0.22			
53.1	62.5	No Work	Cum	1	0.00	0.90	0.90	0.90	0.15	0.00			
62.5	89.5		Cum	1	27.00	0.90	0.90	0.90	0.15	3.65			
89.5	98.9		Cum	1	9.40	0.90	0.90	0.90	0.15	1.27			
98.9	113.9		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
113.9	128.9		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
128.9	143.9		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
143.9	144.1		Cum	1	0.20	0.90	0.90	0.90	0.15	0.03			
		1st Cross Road											
		LHS (South Side)											
		From prakruthi layout Main road to Dead End											
0	35.3		Cum	1	35.30	0.90	0.90	0.90	0.15	4.77			
35.3	44.4		Cum	1	9.10	0.90	0.90	0.90	0.15	1.23			
44.4	51.6		Cum	1	7.20	0.90	0.90	0.90	0.15	0.97			
		RHS (North Side)											
		From Dead End To prakruthi layout Main road											
0	15		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
15	30		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
30	45		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
45	54.2		Cum	1	9.20	0.90	0.90	0.90	0.15	1.24			

17.17

29.68

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer, K. Nagar, Sub-division, BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer 30/06/21 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		Varada raj nagar											
		5th Cross Road											
		LHS (North Side)											
		From 2nd main											
0	15		Cum	1	15.00	0.75	0.75	0.75	0.15	1.69	79.28		
15	21		Cum	1	6.00	0.75	0.75	0.75	0.15	0.68			
		Main road											
		LHS (East Side)											
		From 4th Cross To 5th Cross											
0	15		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03			
15	19.6		Cum	1	4.60	0.90	0.90	0.90	0.15	0.62			
		Side Wall											
		Sai Garden											
		Main Road											
		LHS (North Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
0	13.3		Cum	2	13.30	0.15	0.15	0.15	0.70	2.79			
13.3	14	No Work											
14	20.5	New Culvert											
20.5	30		Cum	2	9.50	0.15	0.15	0.15	0.70	2.00			
30	44.1		Cum	2	14.10	0.15	0.15	0.15	0.70	2.96			
44.1	52.5	Culvert											
52.5	64.6		Cum	2	12.10	0.15	0.15	0.15	0.70	2.54			
64.6	76.8	No Work											
76.8	83.4	Culvert											
83.4	98.4	No Work											
98.4	108.6	No Work											
108.6	115.9	Culvert											
115.9	128.1	No Work											
128.1	133		Cum	2	4.90	0.15	0.15	0.15	0.70	1.03			
133	148		Cum	2	15.00	0.15	0.15	0.15	0.70	3.15			
148	162.2		Cum	2	14.20	0.15	0.15	0.15	0.70	2.98			
		RHS (South Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
0	55.8	No Work											
55.8	102.6	No Work											
102.6	117.6		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38			
117.6	132.6		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38			
132.6	146.7		Cum	2	14.10	0.15	0.15	0.15	0.75	3.17			
146.7	163.7	No Work	Cum	2	0.00	0.15	0.15	0.15	0.00	0.00			
		Prakruthi Layout											
		Main Road											
		Abbigere Main Road to Dead End											
		LHS (East Side)											
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
45	60		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
60	66.6		Cum	2	6.60	0.15	0.15	0.15	0.60	1.19			
66.6	74.4	Culvert	0	0	0.00	0.15	0.15	0.15	0.60	0.00			
74.4	89.4		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
89.4	102.4		Cum	2	13.00	0.15	0.15	0.15	0.60	2.34			
102.4	110.5	Culvert	0	0	0.00	0.15	0.15	0.15	0.60	0.00			
110.5	125.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Pal
7/6/21

Assistant Executive Engineer
R.R. Nagar, Sub-division
RRIDL, BBMP, Bangalore

RUSAD CONSULTANTS BANGALORE

30/06/21

Contractor PMC Assistant Engineer Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
125.5	140.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70	131.74		
140.5	155.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
155.5	170.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
170.5	185.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
185.5	200.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
200.5	215.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
215.5	230.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
230.5	244.6		Cum	2	14.10	0.15	0.15	0.15	0.60	2.54			
		RHS (West Side)											
		From											
0	15.3		Cum	2	15.30	0.15	0.15	0.15	0.60	2.75			
15.3	21.5	Culvert	Cum	2	0.00	0.15	0.15	0.15	0.60	0.00			
21.5	36.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
36.5	51.5		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
51.5	53.1		Cum	2	1.60	0.15	0.15	0.15	0.60	0.29			
53.1	62.5	No Work	Cum	2	0.00	0.15	0.15	0.15	0.60	0.00			
62.5	89.5		Cum	2	27.00	0.15	0.15	0.15	0.60	4.86			
89.5	98.9		Cum	2	9.40	0.15	0.15	0.15	0.60	1.69			
98.9	113.9		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
113.9	128.9		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
128.9	143.9		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
143.9	144.1		Cum	2	0.20	0.15	0.15	0.15	0.60	0.04			
		1st Cross Road											
		LHS (South Side)											
		From prakruthi layout Main road to Dead End											
0	35.3		Cum	2	35.30	0.15	0.15	0.15	0.60	6.35			
35.3	44.4		Cum	2	9.10	0.15	0.15	0.15	0.60	1.64			
44.4	51.6		Cum	2	7.20	0.15	0.15	0.15	0.60	1.30			
		RHS (North Side)											
		From Dead End To prakruthi layout Main road											
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
15	30		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
30	45		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
45	54.2		Cum	2	9.20	0.15	0.15	0.15	0.60	1.66			
		Varada raj nagar											
		5th Cross Road											
		LHS (North Side)											
		From 2nd main											
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
15	21		Cum	2	6.00	0.15	0.15	0.15	0.60	1.08			
		Main road											
		LHS (East Side)											
		From 4th Cross To 5th Cross											
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70			
15	19.6		Cum	2	4.60	0.15	0.15	0.15	0.60	0.83			
									Sub Total	202.71			
		Culvert											
		Bottom Raft											
		Sai Garden	Cum	1	6.60	1.50	1.50	1.50	0.20	1.98			
		Prakruthi Layout											
			Cum	1	7.70	1.50	1.50	1.50	0.20	2.31			

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRE ASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer 30/06/21 Assistant exicutive Engineer

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division Bruhat Bangaluru Mahanagara Pa

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
			Cum	1	8.60	1.50	1.50	1.50	0.20	2.58	207.00		
			Cum	1	7.70	1.50	1.50	1.50	0.20	2.31			
		Side Wall											
		Sai Garden	Cum	2	6.60	0.20	0.20	0.20	0.60	1.58			
		Prakruthi Layout											
			Cum	2	7.70	0.20	0.20	0.20	0.65	2.00			
			Cum	2	8.60	0.20	0.20	0.20	0.65	2.24			
			Cum	2	7.70	0.20	0.20	0.20	0.65	2.00			
									Sub Total	17.00			
									Total Executed Qty	**219.71**			
									Tender Qty	**219.66**			
									Now to be paid	**219.71**			
									Quantity Limited To	**219.66**	1170.20 / 1553039.00		
Item No. 04		Providing T M T bars Fe 500 steel reinforcement for R C C work including straightening, cutting, bending, bonding, placing in position, tacking and / or welding wherever required, tying with binding wire and anchoring to the adjoining members where necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications											
			Tonne										
		Vide Total executed Quantity from premeasuremet Page no. 07								15.87			
									Total Executed Qty	**15.87**			
									Tender Qty	**15.89**			
									Now to be paid	**15.87**	72326.98	1148021.00	
Item No. 05		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete											
Measurements taken on		01-07-2021											
		Sai Garden											
		Main Road											
		LHS (North Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
0	13.3		Sqm	1	13.30	0.90	0.90	0.90		11.97			
13.3	14	No Work											
14	20.5	New Culvert											
20.5	30		Sqm	1	9.50	0.90	0.90	0.90		8.55			
30	44.1		Sqm	1	14.10	0.90	0.90	0.90		12.69			
44.1	52.5	Culvert											
52.5	64.6		Sqm	1	12.10	0.90	0.90	0.90		10.89			
64.6	76.8	No Work											
76.8	83.4	Culvert											
83.4	98.4	No Work											
98.4	108.6	No Work											
108.6	115.9	Culvert											
115.9	128.1	No Work											
128.1	133		Sqm	1	4.90	0.90	0.90	0.90		4.41			
133	148		Sqm	1	15.00	0.90	0.90	0.90		13.50			
148	162.2		Sqm	1	14.20	0.90	0.90	0.90		12.78			
		RHS (South Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
0	55.8	No Work											
55.8	102.6	No Work											
102.6	117.6		Sqm	1	15.00	0.90	0.90	0.90		13.50			
117.6	132.6		Sqm	1	15.00	0.90	0.90	0.90		13.50			
132.6	146.7		Sqm	1	14.10	0.90	0.90	0.90		12.69			
146.7	163.7	No Work	Sqm	1	0.00	0.90	0.90	0.90		0.00			

1148.48

ASSISTANT EXECUTIVE ENGINEER Vijayanagar Sub-Division Bengaluru Mahanagara Palike

Assistant Executive Engineer R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

A.D CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		Prakruthi Layout											
		Main Road											
		Abbigere Main Road to Dead End											
		LHS (East Side)											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50			
45	60		Sqm	1	15.00	0.90	0.90	0.90		13.50			
60	66.6		Sqm	1	6.60	0.90	0.90	0.90		5.94			
66.6	74.4	Culvert	Sqm	0	0.00	0.90	0.90	0.90		0.00			
74.4	89.4		Sqm	1	15.00	0.90	0.90	0.90		13.50			
89.4	102.4		Sqm	1	13.00	0.90	0.90	0.90		11.70			
102.4	110.5	Culvert	Sqm	0	0.00	0.90	0.90	0.90		0.00			
110.5	125.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
125.5	140.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
140.5	155.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
155.5	170.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
170.5	185.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
185.5	200.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
200.5	215.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
215.5	230.5		Sqm	1	14.10	0.90	0.90	0.90		12.69			
230.5	244.6												
		RHS (West Side)											
		From											
0	15.3		Sqm	1	15.30	0.90	0.90	0.90		13.77			
15.3	21.5	Culvert	Sqm	1	0.00	0.90	0.90	0.90		0.00			
21.5	36.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
36.5	51.5		Sqm	1	15.00	0.90	0.90	0.90		13.50			
51.5	53.1		Sqm	1	1.60	0.90	0.90	0.90		1.44			
53.1	62.5	No Work	Sqm	1	0.00	0.90	0.90	0.90		0.00			
62.5	89.5		Sqm	1	27.00	0.90	0.90	0.90		24.30			
89.5	98.9	BS	Sqm	1	0.00	0.90	0.90	0.90		0.00			
98.9	113.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
113.9	128.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
128.9	143.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
143.9	144.1		Sqm	1	0.20	0.90	0.90	0.90		0.18			
		1st Cross Road											
		LHS (South Side)											
		From prakruthi layout Main road to Dead End											
0	35.3	CC	Sqm	1	35.30	0.90	0.90	0.90		31.77			
35.3	44.4	BS	Sqm	1	0.00	0.90	0.90	0.90		0.00			
44.4	51.6	CC	Sqm	1	7.20	0.90	0.90	0.90		6.48			
		RHS (North Side)											
		From Dead End To prakruthi layout Main road											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50			
45	54.2		Sqm	1	9.20	0.90	0.90	0.90		8.28			
		Varada raj nagar											
		5th Cross Road											
		LHS (North Side)											
		From 2nd main											
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25			
15	21		Sqm	1	6.00	0.75	0.75	0.75		4.50			

1124.43

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bengaluru Mahanagara P...

Assistant Executive Engineer
R.R. Nagar, Sub-division,
BBMP, Bangalore

RUSAD CONSULTANTS
BANGALORE

Contractor | PMC | Assistant Engineer | Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		Main road											
		LHS (East Side)											
		From 4th Cross To 5th Cross											
	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	19.6		Sqm	1	4.60	0.90	0.90	0.90		4.14			
		Missing Slab											
			Sqm	13	0.90	0.60	0.60	0.60		7.02			
										Total Executed Qty	**554.94**		
										Tender Qty	**555.08**		
										Now to be paid	**554.94**	2337.00	1296895.00
Item No. 06		Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,tansportation etc complete As per Engineer incharge											
Measurements taken on													
		Culvert											
		Sai Garden	Sqm	1	6.60			1.50		9.90			
		Prakruthi Layout											
			Sqm	1	7.70			1.50		11.55			
			Sqm	1	8.60			1.50		12.90			
			Sqm	1	7.70			1.50		11.55			
										Total Executed Qty	**45.90**		
										Tender Qty	**45.90**		
										Now to be paid	**45.90**	5418.00	248687.00
Item No. 07		Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 11½ and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete											
Measurements taken on		02-07-2021											
		Sai Garden											
		Main Road											
		LHS (North Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
0	13.3		m	1	13.30					13.30			
13.3	14	No Work											
14	20.5	New Culvert											
20.5	30		m	1	9.50					9.50			
30	44.1		m	1	14.10					14.10			
44.1	52.5	Culvert											
52.5	64.6		m	1	12.10					12.10			
64.6	76.8	No Work											
76.8	83.4	Culvert											
83.4	98.4	No Work											
98.4	108.6	No Work											
108.6	115.9	Culvert											
115.9	128.1	No Work											
128.1	133		m	1	4.90					4.90			
133	148		m	1	15.00					15.00			
148	162.2		m	1	14.20					14.20			
		RHS (South Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
0	55.8	No Work											
55.8	102.6	No Work											
102.6	117.6		m	1	15.00					15.00			
117.6	132.6		m	1	15.00					15.00			
132.6	146.7		m	1	14.10					14.10			

125.20

Assistant Executive Engineer, R.R. Nagar, Sub-division, WARD:, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer 02/07/21 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
147	163.7	No Work	m	1	0.00					0.00			
		Prakruthi Layout											
		Main Road											
		Abbigere Main Road to Dead End											
		LHS (East Side)											
0	15		m	1	15.00					15.00			
15	30		m	1	15.00					15.00			
30	45		m	1	15.00					15.00			
45	60		m	1	15.00					15.00			
60	66.6		m	1	6.60					6.60			
66.6	74.4	Culvert	m	0	0.00					0.00			
74.4	89.4		m	1	15.00					15.00			
89.4	102.4		m	1	13.00					13.00			
102.4	110.5	Culvert	m	0	0.00					0.00			
110.5	125.5		m	1	15.00					15.00			
125.5	140.5		m	1	15.00					15.00			
140.5	155.5		m	1	15.00					15.00			
155.5	170.5		m	1	15.00					15.00			
170.5	185.5		m	1	15.00					15.00			
185.5	200.5		m	1	15.00					15.00			
200.5	215.5		m	1	15.00					15.00			
215.5	230.5		m	1	15.00					15.00			
230.5	244.6		m	1	14.10					14.10			
		RHS (West Side)											
		From											
0	15.3		m	1	15.30					15.30			
15.3	21.5	Culvert	m	1	0.00					0.00			
21.5	36.5		m	1	15.00					15.00			
36.5	51.5		m	1	15.00					15.00			
51.5	53.1		m	1	1.60					1.60			
53.1	62.5	No Work	m	1	0.00					0.00			
62.5	89.5		m	1	27.00					27.00			
89.5	98.9		m	1	9.40					9.40			
98.9	113.9		m	1	15.00					15.00			
113.9	128.9		m	1	15.00					15.00			
128.9	143.9		m	1	15.00					15.00			
143.9	144.1		m	1	0.20					0.20			
		1st Cross Road											
		LHS (South Side)											
		From prakruthi layout Main road to Dead End											
0	35.3		m	1	35.30					35.30			
35.3	44.4		m	1	9.10					9.10			
44.4	51.6		m	1	7.20					7.20			
		RHS (North Side)											
		From Dead End To prakruthi layout Main road											
0	15		m	1	15.00					15.00			
15	30		m	1	15.00					15.00			
30	45		m	1	15.00					15.00			
45	54.2		m	1	9.20					9.20			
									Sub Total	590.20			
		Number of Kerb	Nos		Length /0.45					1312.00			
									Total Executed Qty	**1312.00**			
									Tender Qty	**1312.00**			
									Now to be paid	**1312.00**	**432.48**	**567414.00**	

123.20

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
BBMP Bengaluru Mahanagara Palike

Assistant Executive Engineer
R.R. Nagar Sub-division
BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer 02/07/21 Assistant excutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No. 08		Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications											
Measurements taken on		02-07-2021											
		Sai Garden											
		Main Road											
		LHS (North Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
	13.3		Sqm	1	13.30				0.35	4.66			
13.3	14	No Work											
14	30.5	New Culvert											
	30		Sqm	1	9.50				0.35	3.33			
	44.1		Sqm	1	14.10				0.35	4.94			
44.1	52.5	Culvert											
52.5	64.6		Sqm	1	12.10				0.35	4.24			
64.6	76.8	No Work											
76.8	83.4	Culvert											
83.4	98.4	No Work											
98.4	108.6	No Work											
108.6	115.9	Culvert											
115.9	128.3	No Work											
128.3	133		Sqm	1	4.90				0.35	1.72			
133	148		Sqm	1	15.00				0.35	5.25			
148	162.2		Sqm	1	14.20				0.35	4.97			
		RHS (South Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
	55.8	No Work											
55.8	102.6	No Work											
102.6	117.6		Sqm	1	15.00				0.35	5.25			
117.6	132.6		Sqm	1	15.00				0.35	5.25			
132.6	146.7		Sqm	1	14.10				0.35	4.94			
146.7	163.7	No Work	Sqm	1	0.00				0.35	0.00			
		Prakruthi Layout											
		Main Road											
		Abbigere Main Road to Dead End											
		LHS (East Side)											
0	15		Sqm	1	15.00				0.35	5.25			
15	30		Sqm	1	15.00				0.35	5.25			
30	45		Sqm	1	15.00				0.35	5.25			
45	60		Sqm	1	15.00				0.35	5.25			
60	66.6		Sqm	1	6.60				0.35	2.31			
66.6	74.4	Culvert											
74.4	89.4		Sqm	1	15.00				0.35	5.25			
89.4	102.4		Sqm	1	13.00				0.35	4.55			
102.4	110.5	Culvert											
110.5	125.5		Sqm	1	15.00				0.35	5.25			
125.5	140.5		Sqm	1	15.00				0.35	5.25			
140.5	155.5		Sqm	1	15.00				0.35	5.25			
155.5	170.5		Sqm	1	15.00				0.35	5.25			
170.5	185.5		Sqm	1	15.00				0.35	5.25			
185.5	200.5		Sqm	1	15.00				0.35	5.25			
200.5	215.5		Sqm	1	15.00				0.35	5.25			
215.5	230.5		Sqm	1	15.00				0.35	5.25			
230.5	244.6		Sqm	1	14.10				0.35	4.94			

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

12477

Assistant Executive Engineer
R.R. Nagar Sub-division,
WDL, BBMP, Bangalore

ASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer 02/07/21

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike
Assistant excutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

E OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

ainage To n No. 08		Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications											
urements ken on		02-07-2021											
		Sai Garden											
		Main Road											
		LHS (North Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
	13.3		Sqm	1	13.30				0.35	4.66			
	14	No Work											
	20.5	New Culvert											
	30		Sqm	1	9.50				0.35	3.33			
	44.1		Sqm	1	14.10				0.35	4.94			
	52.5	Culvert											
	64.6		Sqm	1	12.10				0.35	4.24			
	76.8	No Work											
	83.4	Culvert											
	98.4	No Work											
	108.6	No Work											
	115.9	Culvert											
	128.1	No Work											
	133		Sqm	1	4.90				0.35	1.72			
	148		Sqm	1	15.00				0.35	5.25			
	162.2		Sqm	1	14.20				0.35	4.97			
		RHS (South Side)											
		From Sara Fashion To 8th Cross Somanna Garden											
	55.8	No Work											
8	102.6	No Work											
2.6	117.6		Sqm	1	15.00				0.35	5.25			
7.6	132.6		Sqm	1	15.00				0.35	5.25			
2.6	146.7		Sqm	1	14.10				0.35	4.94			
6.7	163.7	No Work	Sqm	1	0.00				0.35	0.00			
		Prakruthi Layout											
		Main Road											
		Abbigere Main Road to Dead End											
		LHS (East Side)											
0	15		Sqm	1	15.00				0.35	5.25			
15	30		Sqm	1	15.00				0.35	5.25			
30	45		Sqm	1	15.00				0.35	5.25			
45	60		Sqm	1	15.00				0.35	5.25			
60	66.6		Sqm	1	6.60				0.35	2.31			
6.6	74.4	Culvert											
4.4	89.4		Sqm	1	15.00				0.35	5.25			
9.4	102.4		Sqm	1	13.00				0.35	4.55			
02.4	110.5	Culvert											
10.5	125.5		Sqm	1	15.00				0.35	5.25			
25.5	140.5		Sqm	1	15.00				0.35	5.25			
40.5	155.5		Sqm	1	15.00				0.35	5.25			
55.5	170.5		Sqm	1	15.00				0.35	5.25			
70.5	185.5		Sqm	1	15.00				0.35	5.25			
85.5	200.5		Sqm	1	15.00				0.35	5.25			
00.5	215.5		Sqm	1	15.00				0.35	5.25			
15.5	230.5		Sqm	1	15.00				0.35	5.25			
30.5	244.6		Sqm	1	14.10				0.35	4.94			

124.57

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

ASAD CONSULTANTS BANGALORE

02/07/21

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Contactor PMC Assistant Engineer Assistant excutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		RHS (West Side)											
		From											
	15.3		Sqm	1	15.30				0.35	5.36	124.57		
	21.5	Culvert	Sqm	1	0.00				0.35	0.00			
	36.5		Sqm	1	15.00				0.35	5.25			
	51.5		Sqm	1	15.00				0.35	5.25			
	53.1		Sqm	1	1.60				0.35	0.56			
	62.5	No Work	Sqm	1	0.00				0.35	0.00			
	89.5		Sqm	1	27.00				0.35	9.45			
	98.9		Sqm	1	9.40				0.35	3.29			
	113.9		Sqm	1	15.00				0.35	5.25			
	128.9		Sqm	1	15.00				0.35	5.25			
	143.9		Sqm	1	15.00				0.35	5.25			
	144.1		Sqm	1	0.20				0.35	0.07			
		1st Cross Road											
		LHS (South Side)											
		From prakruthi layout Main road to Dead End											
	35.3		Sqm	1	35.30				0.35	12.36			
	44.4		Sqm	1	9.10				0.35	3.19			
	51.6		Sqm	1	7.20				0.35	2.52			
		RHS (North Side)											
		From Dead End To prakruthi layout Main road											
	15		Sqm	1	15.00				0.35	5.25			
	30		Sqm	1	15.00				0.35	5.25			
	45		Sqm	1	15.00				0.35	5.25			
	54.2		Sqm	1	9.20				0.35	3.22			
									Total Executed Qty	**206.57**			
									Tender Qty	**206.57**			
									Now to be paid	**206.57**	**84.80**	**17518.00**	
Item No. 09		Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no. 08 to 09								**227.05**			
									Total Executed Qty	**227.05**			
									Tender Qty	**227.41**			
									Now to be paid	**227.05**	**1022.74**	**232210.00**	
Item No. 10		Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications, and as per the directions of the Engineer in charge											
			Sqm										
		Vide Total executed Quantity from premeasuremet Page no. 10								**433.65**			
									Total Executed Qty	**433.65**			
									Tender Qty	**431.19**			
									Now to be paid	**433.65**			
									Quantity Limited To	**431.19**	**41.34**	**17826.00**	
Item No. 11		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and compaction as per specifications											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no. 11 to 12								**156.98**			
									Total Executed Qty	**156.98**			
									Tender Qty	**157.01**			
									Now to be paid	**156.98**	**56.26**	**8832.00**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer, R. Nagar, Sub-division, BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer 02/07/24

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

BRUHAT BANGALORE MAHANAGARA PALIKE

E OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

ainage n	To	Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
m No. 12		Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no. 13 to 14								235.46			
									Total Executed Qty	235.46			
									Tender Qty	235.51			
									Now to be paid	235.46	5408.12	1273418.00	
n No. 13		Cement concrete pavement Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS 383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargedof machines,all lead and lift charges etc., complete as per specifications. - do with OPC at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum Pg No.176Item No.22.6.1												
urements ken on		03-07-2021											
		Vinayak Nagar											
		Bhairaveshwara Swammy Floor Mill											
		From Bhairaveshwara Swammy Floor Mill to Dead End											
11.6			Cum	1	11.60	3.50	3.80	3.65	0.15	6.35			
14.3			Cum	1	2.70	3.10	3.50	3.30	0.15	1.34			
30			Cum	1	15.70	3.90	3.80	3.85	0.15	9.07			
45			Cum	1	15.00	3.80	4.05	3.93	0.15	8.83			
60			Cum	1	15.00	4.05	4.35	4.20	0.15	9.45			
64.5			Cum	1	4.50	4.35	4.10	4.23	0.15	2.85			
72			Cum	1	7.50	3.60	3.50	3.55	0.15	3.99			
90			Cum	1	18.00	4.20	3.40	3.80	0.15	10.26			
105			Cum	1	15.00	3.40	3.50	3.45	0.15	7.76			
120			Cum	1	15.00	3.50	3.70	3.60	0.15	8.10			
129.5			Cum	1	9.50	3.70	3.10	3.40	0.15	4.85			
137.2			Cum	1	7.70	2.50	2.50	2.50	0.15	2.89			
142.1			Cum	1	4.90	2.10	1.90	2.00	0.15	1.47			
		Varadharaj Nagar											
		5th Cross Road											
		From Vidyuth Nilaya Opp Road To Cross Road											
15			Cum	1	15.00	4.80	4.20	4.50	0.15	10.13			
22			Cum	1	7.00	4.20	3.70	3.95	0.15	4.15			
30			Cum	1	8.00	3.20	3.40	3.30	0.15	3.96			
45			Cum	1	15.00	3.40	3.40	3.40	0.15	7.65			
52.9			Cum	1	7.90	3.40	3.10	3.25	0.15	3.85			
60			Cum	1	7.10	3.10	2.50	2.80	0.15	2.98			
75			Cum	1	15.00	3.20	3.70	3.45	0.15	7.76			
86			Cum	1	11.00	3.10	3.50	3.30	0.15	5.45			
89.6			Cum	1	3.60	4.10	3.50	3.80	0.15	2.05			
96.3			Cum	1	6.70	3.50	4.20	3.85	0.15	3.87			
98.6			Cum	1	2.30	4.40	4.40	4.40	0.15	1.52			
107.4			Cum	1	8.80	3.50							
		7th Cross Road											
		From 2nd main To Temple											
15			Cum	1	15.00	3.20	2.80	3.00	0.15	6.75			

137.32

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Executive Engineer, Nagar, Sub-division, BBMP, Bangalore

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Contractor PMC Assistant Engineer 03/07/21 Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK: Improvements to roads and drains to Vinayaka nagar and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST AND FINAL BILL

nage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
21.8		Cum	1	6.80	2.80	3.30	3.05	0.15	3.11	137.32		
26.7		Cum	1	4.90	3.30	3.60	3.45	0.15	2.54			
45		Cum	1	18.30	3.50	3.20	3.35	0.15	9.20			
51		Cum	1	6.00	3.20	3.40	3.30	0.15	2.97			
62.7		Cum	1	11.70	3.40	2.90	3.15	0.15	5.53			
64.7		Cum	1	2.00	2.50	2.80	2.65	0.15	0.80			
66.3		Cum	1	1.60	2.40	2.90	2.65	0.15	0.64			
68		Cum	1	1.70	2.90	3.80	3.35	0.15	0.85			
70.2		Cum	1	2.20	2.80	3.20	3.00	0.15	0.99			
72.6		Cum	1	2.40	3.20	4.00	3.60	0.15	1.30			
73.8		Cum	1	1.20	2.70	4.20	3.45	0.15	0.62			
78.5		Cum	1	4.70	7.40	4.90	6.15	0.15	4.34			
86.3		Cum	1	7.80	4.30	3.40	3.85	0.15	4.50			
91.2		Cum	1	4.90	3.40	3.00	3.20	0.15	2.35			
98.2		Cum	1	7.00	7.50	6.30	6.90	0.15	7.25			
101.2		Cum	1	3.00	5.80	6.30	6.05	0.15	2.72			
110.9		Cum	1	9.70	6.30	5.80	6.05	0.15	8.80			
	3rd Cross Road											
	From 2nd Main Road to Cross Road											
15		Cum	1	15.00	3.10	3.30	3.20	0.15	7.20			
30		Cum	1	15.00	3.30	3.40	3.35	0.15	7.54			
43		Cum	1	13.00	3.40	3.70	3.55	0.15	6.92			
60		Cum	1	17.00	3.70	3.20	3.45	0.15	8.80			
75		Cum	1	15.00	3.20	3.10	3.15	0.15	7.09			
82.5		Cum	1	7.50	3.10	3.10	3.10	0.15	3.49			
	Deduction											
	UGD Chembers	Cum	-11	0.44				0.15	-0.75			
				Area of circle=(3.14X.75²)/4=0.44								
		Cum	-1	2.00	1.50	1.50	1.50	0.15	-0.45			
		Cum	-1	1.70	0.80	0.80	0.80	0.15	-0.20			
								Total Executed Qty	**235.46**			
								Tender Qty	**235.51**			
								Now to be paid	**235.46**	**5210.96**	**1226994.00**	
										Sub Total	**8361516.00**	
										For 12% Applicable GST	**1003382.00**	
										For 3+1=4% KRIDL Charges	**334461.00**	
										Total Amount	**9699359.00**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore -97

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

ontactor PMC Assistant Engineer 05/07/24 Assistant exicutive Engineer